


```
;
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 9433
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1757 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 35..1522
US-08-313-075A-49

Query Match      9.3%; Score 31.8; DB 1; Length 1757;
Best Local Similarity 48.2%; Pred. No. 0.13;
Matches 119; Conservative 0; Mismatches 127; Indels 1; Gaps 1;

QY 7 ggagattacagctccagccacacatgattgagtggtttgcaacgacgcgtctaggaagaagaa 66
Db 685 GGGTTTCCAGGCTCAACCATATGTTCCAAACCAATTCCTTAAACTCTTTAGCAGAATC 626

QY 67 agtcgcggttaagtgaacacacgcatgacaccatcgaggacctgaagaacacgtgatagcgc 126
Db 625 AGAAACGGATAGTCAATCTTTAGAGAAATGGTGTGGATAGCAAAATTCAAAGTAGT 566

QY 127 ccaactgcgcactcgttga-ataagatcgtttcttataaaagtgttacacgatttttaagg 185
Db 565 TCCAAAGTGTCTTCCTATATCCACTGCTCGCATTTCTGGCACACATTTTGACAATA 506

QY 186 accatgtatctctgggagattatgaatccacgattgggatgaacctggagcgtttattacc 245
Db 505 ATCAATTAACCTTTGGACCTTTTATAGACCTCAGATGTTGATTACCACTCAAGCTGTGTACC 446

QY 246 agtagag 252
Db 445 AGAAAG 439

RESULT 7
PCT-US96-05320A-516
; Sequence 516, Application PC/TUS9605320A
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences
; APPLICANT: 9410 Key West Avenue
; APPLICANT: Rockville, MD 20850
; APPLICANT: United States of America
; APPLICANT: Johns Hopkins University
; APPLICANT: 720 Rutland Avenue
; APPLICANT: Baltimore, MD 21205
; APPLICANT: United States of America
; APPLICANT: Mark D. Adams
; APPLICANT: Owen White
; APPLICANT: Hamilton O. Smith
; APPLICANT: J. Craig Venter
; TITLE OF INVENTION: Nucleotide Sequence of the Haemophilus Influenzae Rd Genome,
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20003-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
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; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/05320A
; FILING DATE: April 22, 1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/476,102
; FILING DATE: June 7, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/487,429
; FILING DATE: June 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Eric K. Steffe
; REGISTRATION NUMBER: 36,688
; REFERENCE/DOCKET NUMBER: 1488.014PC01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 516:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4245 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; PCT-US96-05320A-516

Query Match      8.9%; Score 30.6; DB 5; Length 4245;
Best Local Similarity 55.0%; Pred. No. 0.62;
Matches 60; Conservative 0; Mismatches 49; Indels 0; Gaps 0;

QY 103 ggacctgaagaacatgtagcgcccaaacctggcactcgttggaaataagatcgttcttaa 162
Db 1054 GTCGTCTTGTAACTACATCTGTGGCCCACTTGCACCTTACACCAATGTGGTTTACCGAAG 1113

QY 163 aaagtgttacacgatttttaaggaccatgtatctctctgggagattatgaa 211
Db 1114 AAAATGGCATTGGAATTATTCCGTCGGTTTATCTATGCGAAATTAGAAA 1162

RESULT 8
US-09-280-799-132/c
; Sequence 132, Application US/09280799
; Patent No. 6136503
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Karras, James G
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 132
; LENGTH: 3571
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-280-799-132

Query Match      8.8%; Score 30; DB 3; Length 3571;
Best Local Similarity 49.4%; Pred. No. 0.93;
Matches 78; Conservative 0; Mismatches 80; Indels 0; Gaps 0;

QY 176 atttttaagaccatgtatctctgggagattatgaaatccacgattggatgaacctggag 235
Db 2600 AATTTTAAAGACCATTTCTCTCAGTGAACCTAGATAGATACATAATGCTAAACTGGTTG 2541

QY 236 ctttattaccagtagaggggaattcctccacctgcccacacctgtcttctctcccatg 295
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Job time: 11759 sec

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GenCore version 4.5
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OM protein - protein search, using sw model

Run on: March 3, 2002, 14:53:43 ; Search time 61.46 Seconds
(without alignments)
26.729 Million cell updates/sec

Title: US-09-331-930A-2
Perfect score: 394
Sequence: 1 MIEVVCNDRLGKVKVRCNT.....HVSLGDIYHIDGMNLELYQ 73

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues
Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/iaa/5A_COMB.pcp.*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pcp.*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pcp.*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pcp.*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pcp.*
6: /cgn2_6/ptodata/2/iaa/backfiles1.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	60	15.2	494	3	US-08-889-841B-19
2	59	15.0	455	3	US-08-889-841B-46
3	59	15.0	850	2	US-08-448-603A-28
4	59	15.0	850	3	US-09-134-075-28
5	58.5	14.8	498	3	US-08-889-841B-2
6	58.5	14.8	498	3	US-08-889-841B-5
7	58	14.7	483	3	US-08-889-841B-31
8	58	14.7	487	3	US-08-889-841B-33
9	57.5	14.6	855	1	US-08-022-835-6
10	57.5	14.6	855	2	US-08-388-809-6
11	57.5	14.6	855	2	US-08-647-714-6
12	56.5	14.3	222	1	US-08-240-496A-2
13	56.5	14.3	507	2	US-08-037-816A-16
14	56.5	14.3	507	2	US-08-037-816A-28
15	56.5	14.3	507	2	US-08-530-146-16
16	56.5	14.3	507	2	US-08-530-146-28
17	56.5	14.3	606	2	US-08-392-806A-6
18	56.5	14.3	606	4	US-09-257-490-6
19	56	14.2	270	4	US-08-878-474-1
20	56	14.2	469	3	US-08-889-841B-23
21	55.5	14.1	665	2	US-08-448-603A-32
22	55.5	14.1	665	3	US-09-134-075-32
23	55	14.0	821	4	US-09-422-869-24
24	54	13.7	474	3	US-08-889-841B-36
25	54	13.7	474	3	US-08-889-841B-39
26	53.5	13.6	136	4	US-08-945-983-4
27	53.5	13.6	658	1	US-08-409-995-5

ALIGNMENTS

RESULT 1

US-08-889-841B-19
; Sequence 19, Application US/08889841B
; GENERAL INFORMATION:
; APPLICANT: Berman, Phillip W.
; TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
; FILE REFERENCE: 14918-703CIP
; CURRENT APPLICATION NUMBER: US/08/889,841B
; CURRENT FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: US 60/676,737
; PRIOR FILING DATE: 1996-07-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 19
; LENGTH: 494
; TYPE: PRT
; ORGANISM: HIV
US-08-889-841B-19

Query Match 15.2%; Score 60; DB 3; Length 494;
Best Local Similarity 29.9%; Pred. No. 5.3;
Matches 23; Conservative 12; Mismatches 26; Indels 16; Gaps 4;

Qy 2 IEVVC-----NDRLGKKV---RVKNTDDTIGDKKLIAAQTGRWNKIV-----LKKW 47
Db 259 VEINCIRPNNTTRKGIHIGPGRAWYATGEIVGDIRKAYCNISKTWNNTLIQIANLKEK 318
Qy 48 Y--TIFKDHVSLGDYEI 62
Db 319 YNTTISFNRSRSGDPEI 335

RESULT 2

US-08-889-841B-46
; Sequence 46, Application US/08889841B
; GENERAL INFORMATION:
; APPLICANT: Berman, Phillip W.
; TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
; FILE REFERENCE: 14918-703CIP
; CURRENT APPLICATION NUMBER: US/08/889,841B
; CURRENT FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: US 60/676,737
; PRIOR FILING DATE: 1996-07-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 46
; LENGTH: 455
; TYPE: PRT
; ORGANISM: HIV

US-08-889-841B-46

Query Match 15.0%; Score 59; DB 3; Length 455;
Best Local Similarity 23.2%; Pred. No. 6.5;
Matches 19; Conservative 14; Mismatches 21; Indels 28; Gaps 3;

QY 9 RLGGKVRVKN-----TDDTIGDLKKLIAAQTGRNKNIV----- 43
DB 245 QLNESVEINCTPNNNRRSIHIGPGRAFATGEIIGDIRQAHCNLSSTKWNNTLKQIVT 304
QY 44 -LKKWY--TIFKDHVSLGDYEI 62
DB 305 KLREHFNKTIVFNHSSGGDPEI 326

RESULT 3

US-08-448-603A-28
; Sequence 28, Application US/08448603A
; Patent No. 5864027
; GENERAL INFORMATION:
; APPLICANT: Berman, Phillip W.
; APPLICANT: Nakamura, Gerald R.
; TITLE OF INVENTION: HIV Envelope Polypeptides
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McCutchen, Doyle, Brown & Enersen, LLP
; STREET: 3 Embarcadero Center
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/448,603A
FILING DATE: 07-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/072,833
FILING DATE: 07-JUN-93
ATTORNEY/AGENT INFORMATION:
NAME: Haliday, Emily
REGISTRATION NUMBER: 38903
REFERENCE/DOCKET NUMBER: 14918-704
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-393-2000
TELEFAX: 415-393-2286
TELEX:

INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 850 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-448-603A-28

Query Match 15.0%; Score 59; DB 2; Length 850;
Best Local Similarity 23.2%; Pred. No. 15;
Matches 19; Conservative 14; Mismatches 21; Indels 28; Gaps 3;

QY 9 RLGGKVRVKN-----TDDTIGDLKKLIAAQTGRNKNIV----- 43
DB 285 QLNESVEINCTPNNNRRSIHIGPGRAFATGEIIGDIRQAHCNLSSTKWNNTLKQIVT 344
QY 44 -LKKWY--TIFKDHVSLGDYEI 62
DB 345 KLREHFNKTIVFNHSSGGDPEI 366

RESULT 4

US-09-134-075-28
; Sequence 28, Application US/09134075
; Patent No. 6042836
; GENERAL INFORMATION:
; APPLICANT: Berman, Phillip W.
; APPLICANT: Nakamura, Gerald R.
; TITLE OF INVENTION: HIV Envelope Polypeptides
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McCutchen, Doyle, Brown & Enersen, LLP
; STREET: 3 Embarcadero Center
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/134,075
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/448,603
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Haliday, Emily
REGISTRATION NUMBER: 38903
REFERENCE/DOCKET NUMBER: 14918-704
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-393-2000
TELEFAX: 415-393-2286
TELEX:

INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 850 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-134-075-28

Query Match 15.0%; Score 59; DB 3; Length 850;
Best Local Similarity 23.2%; Pred. No. 15;
Matches 19; Conservative 14; Mismatches 21; Indels 28; Gaps 3;

QY 9 RLGGKVRVKN-----TDDTIGDLKKLIAAQTGRNKNIV----- 43
DB 285 QLNESVEINCTPNNNRRSIHIGPGRAFATGEIIGDIRQAHCNLSSTKWNNTLKQIVT 344
QY 44 -LKKWY--TIFKDHVSLGDYEI 62
DB 345 KLREHFNKTIVFNHSSGGDPEI 366

RESULT 5

US-08-889-841B-2
; Sequence 2, Application US/08889841B
; GENERAL INFORMATION:
; APPLICANT: Berman, Phillip W.
; TITLE OF INVENTION: HIV ENVELOPE POLYPEPTIDES AND VACCINE
; FILE REFERENCE: 14918-703CIP
; CURRENT APPLICATION NUMBER: US/08/889,841B
; CURRENT FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: US 60/676,737
; PRIOR FILING DATE: 1996-07-08
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2

; APPLICATION NUMBER: US 07/599,491
; FILING DATE: 17-OCT-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Scott, Watson T.
; REGISTRATION NUMBER: 26,581
; REFERENCE/DOCKET NUMBER: WTS/5683/78507/SRL
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 855 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-022-835-6

Query Match 14.6%; Score 57.5; DB 1; Length 855;
Best Local Similarity 29.5%; Pred. No. 23;
Matches 23; Conservative 11; Mismatches 27; Indels 17; Gaps 4;

QY 2 IEVVC---NDRLGKKV-----RVKCNFTDDTIGDLKLLIAAQTGRW----NKIVLKKW-- 47
Db 296 VEINCTRPNNNTRKSIHIGPGRFYTTGIIIGDIIQAHCNLSRAKWNLTINKIVIKLREQ 355
QY 48 ---YTIKFDHVSIGDYEI 62
Db 356 FGKNTIVFKHSSGGDPEI 373

RESULT 10
US-08-388-809-6
; Sequence 6, Application US/08388809
; Patent No. 5576000
; GENERAL INFORMATION:

; APPLICANT: REITZ, JR., MARVIN S.; FRANCHINI,
; APPLICANT: GENOVEFFA; MARKHAM, PHILIP D. GALLO, ROBERT
; APPLICANT: C.; LORI, FRANCO C.; POPOVIC, MIKULAS; AND
; APPLICANT: GARTNER, SUZANNE
; TITLE OF INVENTION: MOLECULAR CLONES OF HIV-1
; TITLE OF INVENTION: AND USES THEREOF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154

; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK, 3.5"
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,809
; FILING DATE: 15-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,835
; FILING DATE: 25-FEB-1993
; APPLICATION NUMBER: US 07/599,491
; FILING DATE: 17-OCT-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: LESLIE A. SERUNIAN
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 2026-4092US2

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: 421792
; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 855 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-388-809-6

Query Match 14.6%; Score 57.5; DB 1; Length 855;
Best Local Similarity 29.5%; Pred. No. 23;
Matches 23; Conservative 11; Mismatches 27; Indels 17; Gaps 4;

QY 2 IEVVC---NDRLGKKV-----RVKCNFTDDTIGDLKLLIAAQTGRW----NKIVLKKW-- 47
Db 296 VEINCTRPNNNTRKSIHIGPGRFYTTGIIIGDIIQAHCNLSRAKWNLTINKIVIKLREQ 355
QY 48 ---YTIKFDHVSIGDYEI 62
Db 356 FGKNTIVFKHSSGGDPEI 373

RESULT 11
US-08-647-714-6
; Sequence 6, Application US/08647714
; Patent No. 5869313
; GENERAL INFORMATION:

; APPLICANT: REITZ, JR., MARVIN S.; FRANCHINI,
; APPLICANT: GENOVEFFA; MARKHAM, PHILIP D. GALLO, ROBERT
; APPLICANT: C.; LORI, FRANCO C.; POPOVIC, MIKULAS; AND
; APPLICANT: GARTNER, SUZANNE
; TITLE OF INVENTION: MOLECULAR CLONES OF HIV-1
; TITLE OF INVENTION: AND USES THEREOF
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154

; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK, 3.5"
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/647,714
; FILING DATE:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,809
; FILING DATE: 15-FEB-1995
; APPLICATION NUMBER: US 08/022,835
; FILING DATE: 25-FEB-1993
; APPLICATION NUMBER: US 07/599,491
; FILING DATE: 17-OCT-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: LESLIE A. SERUNIAN
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 2026-4092US2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 855 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-647-714-6

Query Match

14.6%; Score 57.5; DB 2; Length 855;

IP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/037,816A
FILING DATE: 26-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 41190/JPW/AJM
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
TELEX: 422523 COOPUI
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
LENGTH: 507 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-037-816A-28

Query Match 14.3%; Score 56.5; DB 2; Length 507;
Best Local Similarity 28.2%; Pred. No. 16;
Matches 22; Conservative 14; Mismatches 25; Indels 17; Gaps 4;
QY 2 IEVVC---NDRLGKKV-----RVKCNTHDITGDLKLLIAAQTGTWRN-----KIVLK----- 45
DB 295 VEINCTRPNNTRKSIHIGPGRAFYTTGTEIGDIRQAHCNISRAKWNDFLKQIVIKLREQ 354
QY 46 -KWYTFKDHVSLGDYEI 62
DB 355 FENKTIVFNHSSGGDPEI 372

RESULT 15
US-08-530-146-16
Sequence 16, Application US/08530146
Patent No. 5886163
GENERAL INFORMATION:
APPLICANT: Hasel, Karl W.
APPLICANT: Maddon, Paul J.
TITLE OF INVENTION: HIV-1 VACCINES, ANTIBODY COMPOSITIONS RELATED
TITLE OF INVENTION: THERETO, AND THERAPEUTIC AND PROPHYLACTIC USES
TITLE OF INVENTION: THEREOF
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/530,146
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/037,816
FILING DATE: 26-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 41190/JPW/AJM
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
TELEX: 422523 COOPUI
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 507 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-530-146-16

Query Match 14.3%; Score 56.5; DB 2; Length 507;
Best Local Similarity 28.2%; Pred. No. 16;
Matches 22; Conservative 14; Mismatches 25; Indels 17; Gaps 4;
QY 2 IEVVC---NDRLGKKV-----RVKCNTHDITGDLKLLIAAQTGTWRN-----KIVLK----- 45
DB 295 VEINCTRPNNTRKSIHIGPGRAFYTTGTEIGDIRQAHCNISRAKWNDFLKQIVIKLREQ 354
QY 46 -KWYTFKDHVSLGDYEI 62
DB 355 FENKTIVFNHSSGGDPEI 372

Search completed: March 3, 2002, 15:53:08
Job time: 3565 sec